



Amaljith C Biju

Biomedical Trained Engineer
8086566652 | amaljithcbiju2017@gmail.com

[in](#) Amaljith c biju

Objective

To pursue a challenging career where i can be a professional and which helps me in enhancing my skills and knowledge

Training And Certifications

- **Advanced Training in Biomedical Applications at Harvey Biomedical, Bangalore** 09-08-2021 - 17-09-2021

Patient Monitor	Contec CMS 8000
ECG Machine	Nihon Kohden cardiofaxM
Defibrillator	Nihon Kohden CardioLife
Fetal Monitor	BPL FM9534
Semi Auto	
Biochemistry Analyser	Labsystem Diagnostics Labmate
Clinical Chemistry Analyser	Mindray BS 200
Dental X-ray	Poskom Rexter LCD
Syringe pump	Smiths Medical Graseby 2000
Infusion pump	Akas Infumax

Education

- **Sahrdaya College of Engineering and Technology,Kodakara** 2017-21
B.Tech
CGPA 7.41
- **SNDP HSS,Udayemperoor** 2017
Class XII
95%
- **Fatima Central School,Piravom** 2015
Class X
CGPA 10

Projects

- **Heart Tracker**
Heart tracker is a system for predicting the risk of heart attack and monitoring the heart activity in real time using deep learning approach,CNN for the smart prediction.This is a non-invasive system which monitors the critical parameters of the patient and alerts them in case of an emergency. Therefore, we can be able to identify the heart attack in the earlier stage and also the recurrence of attacks.The prototype of the system is done and it may be planned to develop into the industrial sector. Designing this garment with biofeedback and data logging functionality could be critical in getting an accurate picture of the physical state of the patient. In this phase, real time monitoring of parameters like, Heart rate, RR interval, ST segment and body temperature is used.

Activites

- **Internship**
Neethi diagnostic centre
- **Workshops**
Machine learning by shaastra IIT madras
Matlab by shaastra IIT madras
EBSA sponsored training-Electronic product building
- **Volunteering**
An active volunteer during IEDC summit and MEDCON 2019

Online Certifications

- Machine learning foundations-coursera
Challenges of global health-coursera

Personal Details

- Date of Birth : 02/02/1999
- Marital Status : Single
- Father's name : Bijukumar C S
- Hobbies : Football, petcare
- Permanent Address : Chelackal(H), Nechoor P.O, Piravom, Ernakulam Pin:686664
- Languages Known : English , Hindi , Malayalam

Skills

- C++
- MATLAB

Strengths

- Decision making
Leadership
Creative thinking
Influencer

Reference

- **Dr.Finto Raphel - "Sahrdaya college of engineering and technology,kodakara"**
HOD-Dept of Biomedical Engg.
hodbme@sahrdaya.ac.in
+91 9995078358
- **Dr.Remya George - "Sahrdaya college of engineering and technology,kodakara"**
Ass.Professor-Biomedical Dept
remyageorge@sahrdaya.ac.in
+91 9020909020

Declaration

- I hereby declare that all the above mentioned details provided my me are true and fair to the best of my knowledge

